GREAT PLAINS PRIMARY CARE PRACTICE-BASED RESEARCH NETWORK NEWSLETTER

NEWS: PBRN Launch Meeting November 2nd, 2020 12:00 PM CST

New Educational Modules to Help Practitioners Adopt Evidence-Based Interventions for Promoting Colon Cancer Screening

Supported by a 2019 Great Plains IDeA-CTR Pilot Grant, Dr. Jungyoon Kim and her research team at UNMC College of Public Health developed a distance-learning educational module that helps rural practitioners adopt and implement evidence-based interventions for increasing colon cancer screening rates.

Adapted from the "Putting Public Health Evidence in Action" Training curriculum originally developed by Cancer Prevention and Control Research Network, these 8 modules of distance-learning content cover how to find recently updated evidence in colon cancer screening, how to compare and select the best-fitting evidence-based interventions for practice organization's needs and capacities, and how to enact these interventions with proper implementation, evaluation, and communication plans.

Dr. Jungyoon Kim, UNMC

Each module contains a 15-20 minute, pre-recorded, online lecture followed by a 30-minute live-streaming conference to discuss group exercises or module application. This hybrid type of distance-learning approach was well received by rural clinic partners, "I like that we do conversations

afterwards, because, you know, even if we don't necessarily talk about everything that we learned in the video, it often sparked conversations relevant [to the topic]" said Alissa Hankla, a clinical manager of transformation at Great Plains Health Innovation Network, one of the participants in the module development project.

Preliminary results are promising. Providers and staff from the two rural practice partners have completed all 8 sessions of the initial distance-learning modules and evaluated the modules positively. They reported that they liked different examples of evidence-based interventions specific to colon cancer screening provided by the modules, as well as various tools and templates they could use for group exercise. After completing the modules, each clinic team developed one or more evidence-based intervention ideas and specific plans to enact these ideas.

Dr. Kim said, "we believe that our distance-learning modules will be useful for health systems, particularly in rural or low-resource setting, to improve their capacities to select and implement evidence-based interventions that are most appropriate to their local context." This will, in turn, increase the uptake of colon cancer screening, thereby reducing colon cancer incidence and mortality of people living in rural and low resource setting.

Dr. Kim explained that her next step is to develop continuing education credit courses using the distance-learning module contents, so that more practices can benefit from participating in this approach. For more information or to get involved, contact Dr. Kim at jungyoon.kim@unmc.edu.

PROFESSIONAL DEVELOPMENT

Building a COVID-19 Analytics Platform to Turn Clinic Data into Knowledge

Join Melissa Haendel, PhD, Director of the Center for Data to Health (CD2H), and Anita Walden, MS, Assistant Program Director of CD2H, as they describe the purpose and goals of the National COVID cohort Collaborative (N3C), explain how data access can be achieved, and articulate the social science experiment represented.


Wednesday, October 28th, 2020 | 12:00 PM-1:00 PM
Click here for the Zoom link
Webinar ID: 94169168256   Webinar Password: 955589

For more information, see attached flier or contact Jerrod Anzalone (alfred.anzalone@unmc.edu).

Why Do We Age: The Role of Biology?

Dr. Fisher, Associate Professor and Chief of the Division of Geriatrics, Gerontology, and Palliative Medicine at the University of Nebraska Medical Center, will define aging, discuss the importance of studying biological mechanism in aging, and explain two mechanisms contributing to the aging process. Dr. Fisher is a clinically active in Geriatrics and engages in clinical, translational, and basic science research related to aging and Geriatrics.
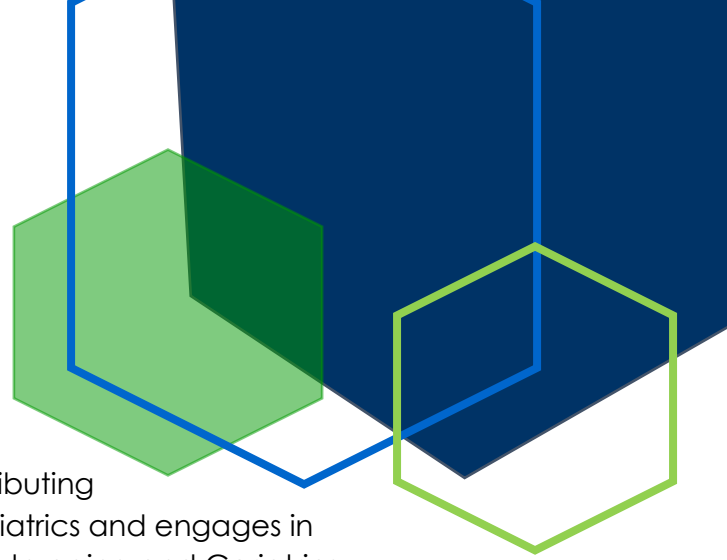
Thursday, November 19th, 2020 | 12:00 PM-1:00 PM
[Click here for the Zoom link](#)
Webinar ID: 4025522260   Webinar Password: 2260

For more information, contact Heather Braddock (heather.braddock@unmc.edu).

University of South Dakota's Center for Brain and Behavior Research

The Great Plains IDeA-CTR is excited to host Dr. Lee Baugh, Associate Professor for Basic Biomedical Sciences at the University of South Dakota, as he discusses what the Center for Brain and Behavior Research (CBBRe) is, where the CBBRe is located, the research strengths within the CBBRe, what resources the CBBre has to offer, and collaborative opportunities.
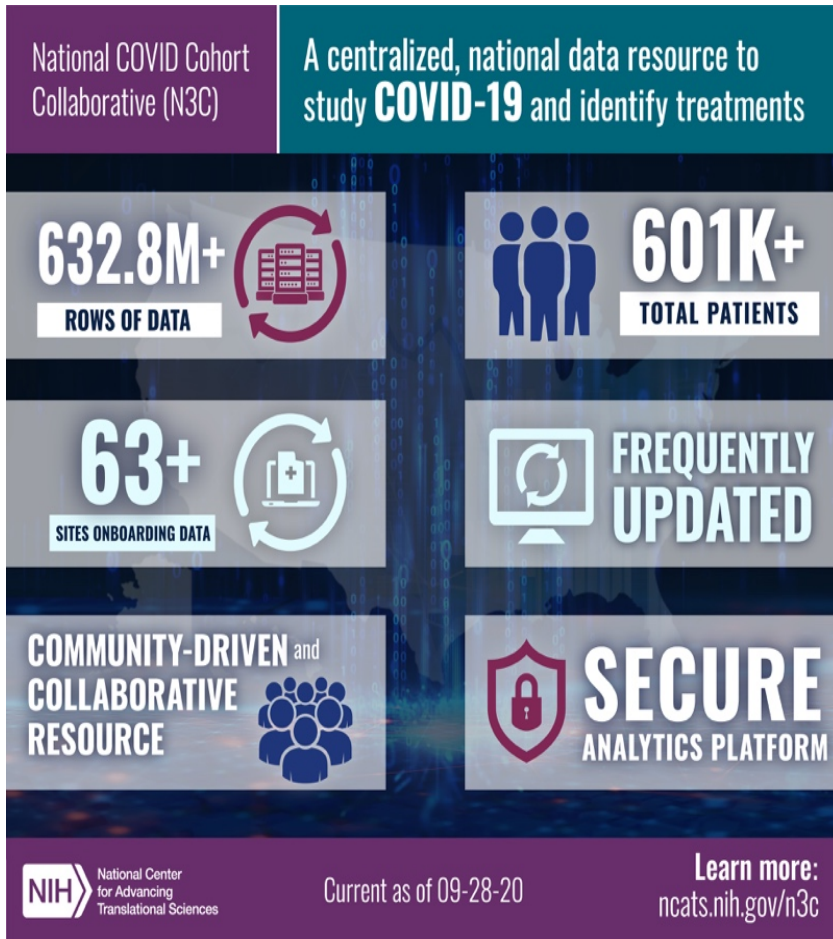
Thursday, December 10th, 2020 | 12:00 PM-1:00 PM
[Click here for the Zoom link](#)
Webinar ID: 4025522260   Webinar Password: 2260

RESEARCH

The following studies are recruiting participants. Please share these opportunities with your patients and healthcare community. A complete list of ongoing research can be found at https://gpctr.unmc.edu/ctr-resources/pbrn/research/.

COVID-19 Registry: Turning Clinical Data into Knowledge

The National Institutes of Health has launched a centralized, secure enclave to study a vast amount of COVID medical record data from around the country. The National COVID Cohort Collaborative (N3C) is a resource available to scientists to answer questions related to topics such as treatment protocols, disease progression and relationship of COVID to social determinates of health. The N3C harnesses the extensive resources of the National Center for Advancing Translational Sciences (NCATS), the Clinical and Translational Sciences Awards (CTSAs) program, the National Institute of General Medicine Sciences and the Institutional Development Awards for Clinical and Translational Research (IDeA-CTRs) and the National Center for Data to Health (CD2H).

For more information, contact Jerrod Anzalone (alfred.anzalone@unmc.edu).

Great Plains Cognitive Network, "GP CogNET"

Symptoms of Alzheimer's disease may lag decades behind brain changes. We invite all adults 50 years of age and older to enroll in the Great Plains Cognitive Network, GP CogNET, a research registry linking community members to Alzheimer's disease and brain health-focused clinical research. Enroll online at https://gp.cognet.unmc.edu. For more information, contact gp.cognet@unmc.edu. IRB #214-19-EP

Impact of Aging on the Neural and Behavioral Bases of Social Processing
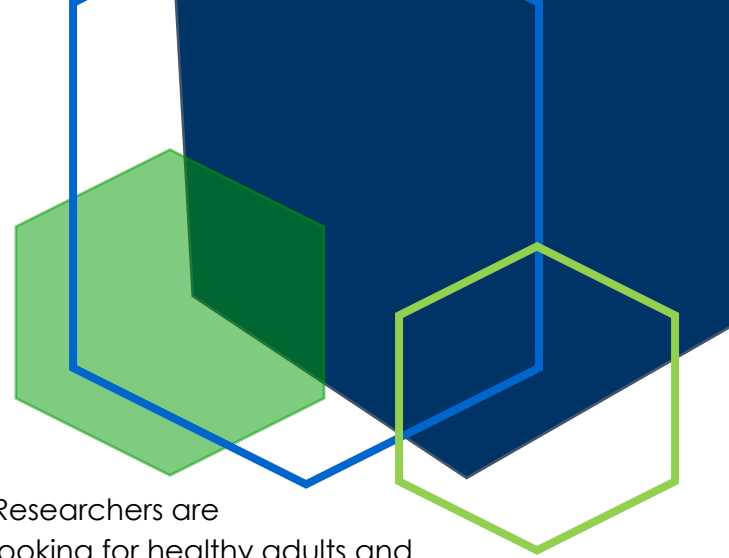
Researchers are looking for healthy adults and caregivers to an older adult with a chronic disease (e.g., dementia, cancer, cardiovascular disease) to participate in a research study. Participating in this study will involve an online, at home component (~7 hours over 4 days), and one in person visit (~2 hours, 30 minutes) which will take place at the University of Nebraska Medical Center (UNMC). Compensation for study participation is available. The experiment involves completing online questionnaires/interview and computer tasks, taking samples of saliva for hormone analyses, blood draws for DNA methylation analyses and undergoing brain imaging. To be eligible for the study, you must be 19-90 years of age, have comprehension of written and spoken English, mobility to travel to the UNO campus, and have completed a minimum of two years of high school or higher. You are not eligible for the study if you have a diagnosis of a neurological or psychiatric disease (e.g., stroke), history of drug abuse, vision, hearing, cognitive or motor difficulties, or if you are currently pregnant, have metal implanted in your body, or are taking an antidepressant medication or glucocorticoid-based oral medication or cream (e.g., cortisone). For more information about the study, or if you would like to advertise the study to your patients, please contact: Janelle Beadle, Ph.D. at the Aging Brain and Emotion Lab (402-554-5961) or by email at (ABELabUNO@gmail.com). IRB #675-19-EP

DISTANT CARE: Taking Charge of Stress & Mood in Heart Disease

Researchers in the College of Nursing at the University of Nebraska Medical Center are looking for rural men and women under age 65 with heart disease to take part in a study. This study will test a "tool" (an app + text messaging prompts) to self-manage stress and improve mood in people with ischemic heart disease. In Phase 1 of the study, we will gather information from rural residents about what they think of the app and ideas about text message prompts to be used along

with the app in phase 2. In Phase 2, study participants will use the tool over a 12-week period from the privacy of their own smartphone. People do *not* have to participant in both phases of the study. No travel is required, and participants will be compensated for their time. Eligible participants will have a diagnosis of ischemic heart disease, be under age 65, live in a rural area, speak and read English, and own a smartphone that can receive text messages.

For more information, please visit www.unmc.edu/nursing/research/research-publications/distant-care-rural or contact Sydney Buckland, PhD, APRN at the UNMC College of Nursing by phone (402-559-4637) or by e-mail (sydney.buckland@unmc.edu). IRB #524-20-EP
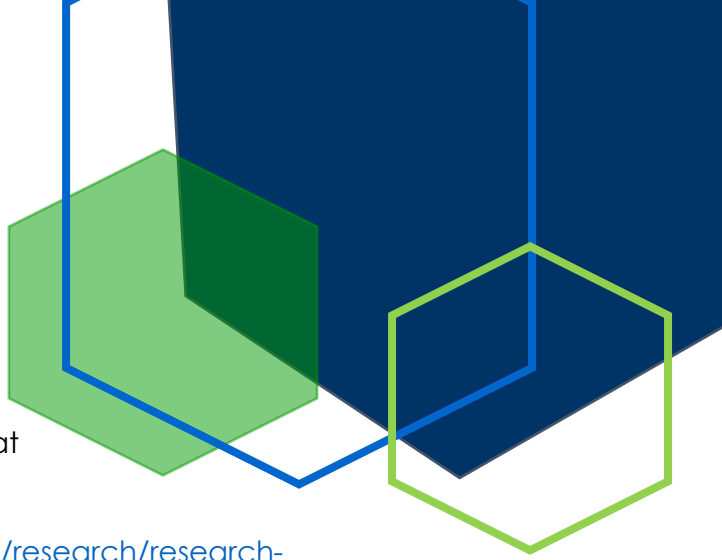
UPCOMING EVENTS

PBRN Launch Meeting: November 2nd, 2020

We are excited to host a virtual PBRN Launch Meeting on November 2nd, 2020 from 12:00 PM-1:00 PM CST. Join us as we introduce our PBRN leadership and members, learn about your clinic's health care needs, and foster research and clinical collaborations. A calendar invitation with zoom link will be sent separately. To ensure you are included on the listserv, please complete the membership survey at https://is.gd/joinPBRN or contact Emily Frankel at emily.frankel@unmc.edu.

The Great Plains Primary Care PBRN continues to strive toward improving health and quality of life in the Great Plains and the communities we serve.

To ensure you are included on all PBRN correspondences, please complete the membership survey at https://is.gd/joinPBRN

Have information, news, or an event to include in the next newsletter? Contact Emily Frankel at emily.frankel@unmc.edu

The Great Plains IDeA-CTR is a collaborative effort between nine biomedical research institutes across the Great Plains.

To learn more about the Great Plains Primary Care PBRN, visit:

https://gpctr.unmc.edu/ctr-resources/pbrn/

@GPIDeACTR

The Great Plains IDeA-CTR Presents

Building a COVID-19 Analytics Platform to Turn Clinical Data into Knowledge: Introducing the National COVID Cohort Collaborative (N3C)

Wednesday, October 28, 2020 | Noon - 1:00 PM CST

Melissa Haendel, PhD
Professor of Medical Informatics and Clinical Epidemiology, School of Medicine
Director of the Center for Data to Health,
Oregon Clinical and Translational Research Institute
Biomedical Informatics Graduate Program,
School of Medicine
Portland, OR

Anita Walden, MS
Assistant Program Director,
National Center for Data to Health (CD2H)
Oregon Health & Science University
Portland, OR

The National Institutes of Health has launched a centralized, secure enclave to study vast amount of COVID medical record data from around the country. The National COVID Cohort Collaborative (N3C) is a resource available to scientist to answer questions such as treatments protocols, disease progression and relationship of COVID and social determinates of health. The N3C harnesses the extensive resources of NCATS, the Clinical and Translational Sciences Awards (CTSA) program and the National Center for Data to Health.

Discussion Points:
•Describe the goals and purpose of N3C
•Understand how data access can be achieved
•Articulate the social science experiment represented

Zoom:
https://unmc.zoom.us/j/94169168256?pwd=V0pROVpJM21sR0V5V0FpZ3JmSlhXQT09

GREAT PLAINS
IDeA | Clinical and
Translational Research

UNIVERSITY OF NEBRASKA AT OMAHA
GERONTOLOGY

Research Study

Looking for healthy adults, and caregivers to an older adult with a chronic disease (e.g., dementia, cancer, cardiovascular disease), to participate in a research study about the impact of aging on the neural and behavioral bases of social processing

Study Information: IRB # 675-19-EP

- The study includes an online, at home component (~7 hours over 4 days), and one in person visit (~2 hours, 30 minutes) which will take place at the University of Nebraska Medical Center (UNMC).
- Compensation for study participation is available.
- Parking is complementary and located a short walk from the building where the experiment will take place.
- Experiment involves online questionnaires and interview, computer tasks, saliva collection (for hormone analyses), blood draw, and brain imaging.

Eligibility criteria:

- Adult between the ages of 19-90 years
- Comprehension of written and spoken English
- Mobility to travel to UNMC to participate
- Completed a minimum of two years of high school or higher

Exclusionary Criteria:

- Neurological or psychiatric disease (e.g., stroke, depression), or drug abuse
- Taking antidepressant medication, using cortisone/prednisone, or on hormone replacement therapy (e.g., estrogen replacement therapy)
- Vision, hearing, cognitive, or motor difficulties
- Currently pregnant or breastfeeding
- Metal implanted in the body

**For More Information Contact, Janelle Beadle, Ph.D. at:
Ph:402-554-5961; email: ABELabUNO@gmail.com)**